

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

Revised August 1, 2011

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-20227
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Tandem Energy Corporation		6. State Oil & Gas Lease No.
3. Address of Operator 2700 Post Oak Blv., Suite 1000, Houston, TX 77056		7. Lease Name or Unit Agreement Name Southern Union
4. Well Location Unit Letter H _____: 330 feet from the West line and 2310 feet from the South line Section 30 Township 19S Range 30E NMPM Eddy County		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3451' DF		9. OGRID Number
		10. Pool name or Wildcat Hackberry, Yates-7-Rivera, North

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☒
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Rigged up on the well to plug and abandon. Ran in hole with 2 3/8" tubing and stacked out at 683'. Attempted to circulate deeper with no success. Ran in hole with an impression block to see what the problem was. The impression block did not yield any good information. Ran a 4 1/2" bit and stacked out at 623'. Then tried a 3 7/8" flat mill and only made 18". Ran 4 5/8" flat bottom mill. Milled from 652' to 667'. Circulated hole clean. Pulled mill out of the hole. Ran in hole with tubing and cleaned out from 667' to 687'. Water started coming out around the wellhead. Hooked up cement trucks and attempted to circulate cement to surface. After pumping 100 sacks of Class C cement the well went on a vacuum and did not circulate cement to surface. Ran 4 3/4" bit and tagged cement at 640'. Drilled down to 692'. Pulled out of the hole. Ran in hole with overshot to latch onto fish. Stacked out at 620'. Overshot would not go through tight spot in the casing. Ran a 2 3/8" spear grapple. Got down to 660' but was not able to latch onto fish. Pulled grapple. Ran a mill and tagged at 633'. Milled down to 650'. Mill was hanging up on casing. Worked mill loose and pulled out of the hole. Tandem Energy has spent 10 days trying to get to PBDT and spent about \$60,000 with no success.

Please see attached documentation.

AND?

DENIED

RECEIVED

Spud Date: 3/26/2013

Rig Release Date: 4/4/2013

APR 09 2013

NMOC ARTESIA

NOT AS Per Intent!

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Rusty Arnold TITLE Production Engineer DATE 4/5/2013

Type or print name Rusty Arnold E-mail address: rarnold@platenergy.com PHONE: 713-987-7316

For State Use Only

DENIED

APPROVED BY: _____ TITLE _____ DATE 4-11/2013

Conditions of Approval (if any):

RRDade: This is A Federal Well! Submit Proper
Papework to BLM →

Tandem Energy Corporation
SOUTHERN UNION 001
HACKBERRY

LEGALS

API: 300152022700
Lease: SOUTHERN UNION
Location: 330' FWL & 2310 FSL
Survey: SEC 30 - 19S - 31E
Field: HACKBERRY
County: EDDY CO., NEW MEXICO
Elevation: 3451' DF
Completed: 7-1-1969

TOC 8 5/8" SURF CALC
Surface Casing: 8 5/8" 24# @ 574' w/ 200sx 10" hole

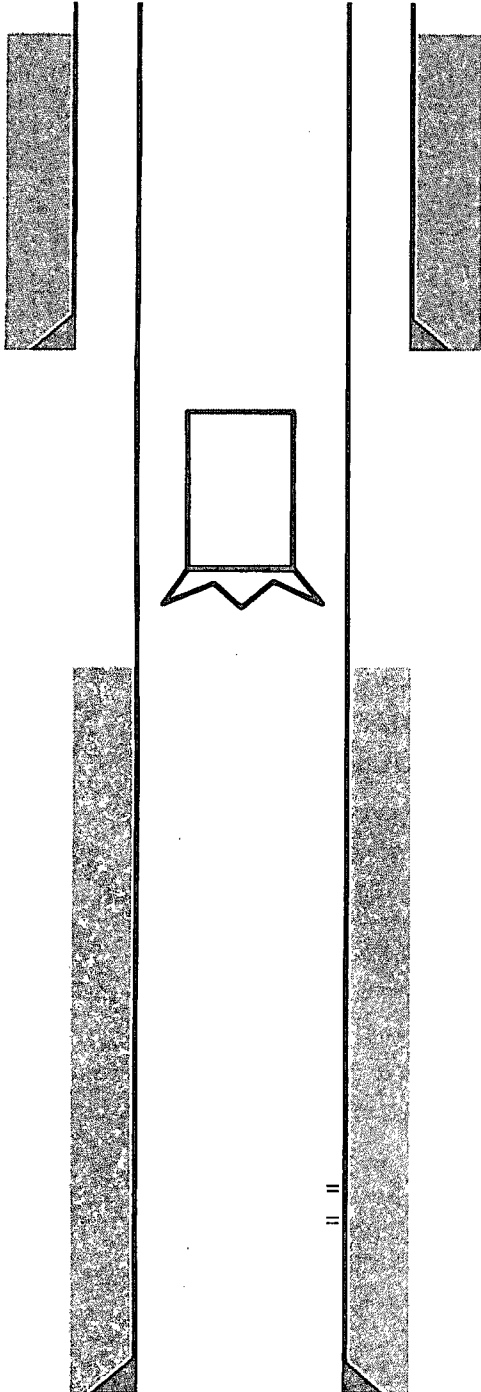
Top Tool: 665'
Tbg 125'

DC 32'
Bit 2'
Bottom Tool: 824'

TOC 5 1/2" 953' CALC

Perfed Interval: 1967-2009'
1967-2042'

PBTD: 2148'
Production Casing: 5 1/2" 14# @ 2148' w/ 200sx 8" hole
TD: 2155'



TANDEM ENERGY						
WORKOVER DAILY REPORT				AFE#		
COMPANY	TANDEM ENERGY			TOTAL:		
NAME OF LEASE	SOUTHERN UNION					
CONTRACTOR	TANDEM ENERGY					
DATE OF REPORT	2/26/2013			WELL:	#1	
CUMULATIVE DAYS	1			RIG #		
PREPARED BY:	JOSE CERRILLO					
CASING DATA		Present Operation: P/A				
PERFORATIONS :		1967'-2042'				
TD:		2155'				
PBD:		2148'				
TYPE	Size	Set @	Cemented with	Date		
Conductor						
Surface Casing	8 5/8" 24#	574'				
Production Casing	5 1/2" 14#	2148'				
CASING LINER						
WORKING STRING PULL OUT OF HOLE			WORKING STRING RUN IN HOLE			
TBG DATA				TBG DATA		
TYPE & SIZE	No. OF JTS.		SIZE	No. OF JTS	TAC @	
		TAC @				
FOOTAGE:		MUD JT @	FOOTAGE:		MUD JT @	
S.N @			S.N @			
RODS DATA				RODS DATA		
RODS PULLED		RODS RUN IN HOLE				
K.D BARS			K.D BARS			
1"			1"			
7/8"			7/8"			
3/4"			3/4"			
5/8"			5/8"			
PONY RODS			PONY RODS			
PUMP			PUMP			
POLISH ROD			POLISH ROD			
TOTAL:						
PUMP OUT			PUMP IN			
PACKER DATA						
Hours Spent						
ACTIVITY:						
8:00 PM MIRU RIH W/ 2 3/8" NUTCH COLLAR, & 21 JTS OF 2 3/8" TBG TAGGED HARD SPOT @ 683;' TURN ON TBG						
TRYING TO MAKE HOLE , CAN'T TO HARD, CALL FOR KILL TRUCK, & VACCUM. TRY TO CIRCULATE, WELL STARTED						
TAKING THA WTR ON STONG VACCUM, BUT CAN NOT MAKE NO HOLE, POOH W/ TBG. S/I						
5:30 PM						
COST:			RIG	\$2,000.00		
			KILL TRUCK & VACCUM	\$ 1,600.00		
TOTAL				\$3,600.00		
PREV. COST :						
CUM. COST :						

TANDEM ENERGY						
WORKOVER DAILY REPORT					AFE#	
COMPANY	TANDEM ENERGY				TOTAL:	
NAME OF LEASE:	SOUTHERN UNION					
CONTRACTOR:	TANDEM ENERGY					
DATE OF REPORT:	2/27/2013				WELL:	#1
CUMULATIVE DAYS:	2				RIG #	
PREPARED BY:	JOSE CERRILLO					
CASING DATA	Present Operation:		P/A			
PERFORATIONS :	1967'-2042'					
TD:	2155'					
PBTD:	2148'					
TYPE	Size	Set @	Cemented with	Date		
Conductor						
Surface Casing	8 5/8" 24#	574'				
Production Casing	5 1/2" 14#	2148'				
CASING LINER						
WORKING STRING PULL OUT OF HOLE			WORKING STRING RUN IN HOLE			
TBG DATA			TBG DATA			
TYPE & SIZE	No. OF JTS.		SIZE	No. OF JTS.	TAC @	
		TAC @				
FOOTAGE:		MUD JT. @	FOOTAGE:		MUD JT. @	
S.N. @			S.N. @			
RODS DATA			RODS DATA			
RODS PULLED			RODS RUN IN HOLE			
K.D BARS			K.D BARS			
1"			1"			
7/8"			7/8"			
3/4"			3/4"			
5/8"			5/8"			
PONY RODS			PONY RODS			
PUMP			PUMP			
POLISH ROD			POLISH ROD			
TOTAL						
PUMP OUT			PUMP IN			
PACKER DATA						
Hours Spent	ACTIVITY:					
8:00 PM	RIH W/ 5 1/2" IMPRESSION BLOCK, & 21 JTS OF 2 3/8" TBG. TAGGED ON BAD SPOT & POOH W/ IT.					
	IMPRESSION BKOCK DID'T HAD MARKS ON BOTTOM, HAD SOME MARKS ON SIDE.					
	LAID DOWN PIPE. RIG DOWN.					
5:30 PM						
COST:			RIG	\$2,000.00		
			BOP	\$ 1,275.00		
TOTAL				\$3,275.00		
PREV. COST :				\$3,600.00		
CUM. COST :				\$6,875.00		

TANDEM ENERGY						
WORKOVER DAILY REPORT				AFE#		
COMPANY	TANDEM ENERGY			TOTAL:		
NAME OF LEASE	SOUTHERN UNION					
CONTRACTOR	TANDEM ENERGY					
DATE OF REPORT	3/18/2013			WELL:	#1	
CUMULATIVE DAYS	3			RIG #		
PREPARED BY:	JOSE CERRILLO					
CASING DATA	Present Operation:			P/A		
PERFORATIONS :	1967'-2042'					
TD	2155'					
PBTD:	2148'					
TYPE	Size	Set @	Cemented with		Date	
Conductor						
Surface Casing	8 5/8" 24#	574'				
Production Casing	5 1/2" 14#	2148'				
CASING LINER						
WORKING STRING PULL OUT OF HOLE			WORKING STRING RUN IN HOLE			
TBG DATA				TBG DATA		
TYPE & SIZE	No. OF JTS.		SIZE	No. OF JTS.	TAC @	
		TAC @				
FOOTAGE:		MUD JT @	FOOTAGE:		MUD JT @	
S.N @			S.N @			
RODS DATA				RODS DATA		
	RODS PULLED			RODS RUN IN HOLE		
K.D.BARS			K.D.BARS			
1"			1"			
7/8"			7/8"			
3/4"			3/4"			
5/8"			5/8"			
PONY RODS			PONY RODS			
PUMP			PUMP			
POLISH ROD			POLISH ROD			
TOTAL:						
PUMP OUT:				PUMP IN		
PACKER DATA						
Hours Spent	ACTIVITY:					
8:00 PM	RIH W/ 4 1/2" NEW BIT, 6 3 1/2" DRILL COLLARS & 13 JTS OF PIPE TAGGED @ 623' CLEAN DOWN TO 652' CAN'T MAKE MORE HOLE, POOH W/ TBG. & COLLARS, RIH W/ 3 7/8" TAPER MILL, MILLED OUT 18 INCHES, POOH W. IT S/I					
5:30 PM						
COST:			RIG	\$2,000.00		
			FISHER MAN & TOOLS	\$ 5,700.00		
			BOP	\$75.00		
			WTR TRUCK	\$854.00		
TOTAL:				\$8,629.00		
PREV. COST:				\$6,875.00		
CUM. COST:				\$15,504.00		

TANDEM ENERGY						
WORKOVER DAILY REPORT				AFE#		
COMPANY	TANDEM ENERGY			TOTAL:		
NAME OF LEASE	SOUTHERN UNION					
CONTRACTOR	TANDEM ENERGY					
DATE OF REPORT	3/19/2013			WELL:	#1	
CUMULATIVE DAYS	4			RIG #		
PREPARED BY:	JOSE CERRILLO					
CASING DATA	Present Operation: P/A					
PERFORATIONS :	1967'-2042'					
TD	2155'					
PBTD	2148'					
TYPE	Size	Set @	Cemented with		Date	
Conductor						
Surface Casing	8 5/8" 24#	574'				
Production Casing	5 1/2" 14#	2148'				
CASING LINER						
WORKING STRING PULL OUT OF HOLE			WORKING STRING RUN IN HOLE			
TBG DATA				TBG DATA		
TYPE & SIZE	No. OF JTS.		SIZE	No. OF JTS.	TAC @	
		TAC @				
FOOTAGE:		MUD JT @	FOOTAGE:		MUD JT @	
S.N @			S.N @			
RODS DATA				RODS DATA		
RODS PULLED			RODS RUN IN HOLE			
K.D BARS			K.D BARS			
1"			1"			
7/8"			7/8"			
3/4"			3/4"			
5/8"			5/8"			
PONY RODS			PONY RODS			
PUMP			PUMP			
POLISH ROD			POLISH ROD			
TOTAL						
PUMP OUT				PUMP IN		
PACKER DATA						
Hours Spent	ACTIVITY:					
8:00 PM	RIH W/ 4 3/4 LED BLOCK. TAGGED @ 652' POOH W/ BLOCK, RIH W/ 4 5/8" FLAT BOTTOM MILL, MILLED OUT FROM 652' TO 667' CIRCULATE HOLE CLEAN, PULLED 4 JTS. S/I					
5:30 PM						
COST:			RIG	\$2,000.00		
			FISHER HAND & TOOLS	\$ 6,700.00		
			BOP	\$75.00		
TOTAL:				\$8,775.00		
PREV. COST :				\$15,504.00		
CUM. COST :				\$24,279.00		

TANDEM ENERGY						
WORKOVER DAILY REPORT				AFE#		
COMPANY	TANDEM ENERGY			TOTAL:		
NAME OF LEASE	SOUTHERN UNION					
CONTRACTOR	TANDEM ENERGY					
DATE OF REPORT	3/20/2013			WELL:	#1	
CUMULATIVE DAYS	5			RIG #		
PREPARED BY:	JOSE CERRILLO					
CASING DATA	Present Operation: P/A					
PERFORATIONS :	1967'-2042'					
TD	2155'					
PBTD:	2148'					
TYPE	Size	Set @	Cemented with		Date	
Conductor						
Surface Casing	8 5/8" 24#	574'				
Production Casing	5 1/2" 14#	2148'				
CASING LINER						
WORKING STRING PULL OUT OF HOLE			WORKING STRING RUN IN HOLE			
TBG DATA				TBG DATA		
TYPE & SIZE	No. OF JTS.		SIZE	No. OF JTS.	TAC @	
		TAC @				
FOOTAGE:		MUD JT @	FOOTAGE:		MUD JT @	
S:N @			S:N @			
RODS DATA				RODS DATA		
RODS PULLED			RODS RUN IN HOLE			
K.D BARS			K.D BARS			
1"			1"			
7/8"			7/8"			
3/4"			3/4"			
5/8"			5/8"			
PONY RODS			PONY RODS			
PUMP			PUMP			
POLISH ROD			POLISH ROD			
TOTAL						
PUMP OUT				PUMP IN		
PACKER DATA						
Hours Spent	ACTIVITY:					
8:00 PM	RIH W/ 4 JTS. CLEAN OUT FROM 667' TO 687' WTR STARTED COME OUT AROUND THE WELL HEAD ON GROUND; POOH					
	RIG DOWN.					
5:30 PM						
COST:			RIG	\$2,000.00		
			FISHER HAND & TOOLS	\$ 2,950.00		
			BOP	\$75.00		
			TRANSPORT	\$850.00		
TOTAL:				\$5,875.00		
PREV. COST :				\$24,279.00		
CUM. COST :				\$30,154.00		

TANDEM ENERGY

WORKOVER DAILY REPORT		
COMPANY	TANDEM ENERGY	
NAME OF LEASE:	SOUTHERN UNION	
CONTRACTOR:	TANDEM ENERGY	
DATE OF REPORT:	3/25/2013	
CUMULATIVE DAYS:	6	
PREPARED BY:	JOSE CERRILLO	

CASING DATA	Present Operation:	P/A
PERFORATIONS :	1967'-2042'	
	TD 2155'	
	PBTD: 2148'	
TYPE	Size	Set @
Conductor		
Surface Casing	8 5/8" 24#	574'
Production Casing	5 1/2" 14#	2148'
CASING LINER		

WORKING STRING PULL OUT OF HOLE

TBG DATA		
TYPE & SIZE	No. OF JTS.	
		TAC @
FOOTAGE:		MUD JT @
S.N @		

RODS DATA		
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RODS PULLED

K:D BARS		
1"		
7/8"		
3/4"		
5/8"		
PONY RODS		
PUMP		

	AFE#		
	TOTAL:		
	WELL:	#1	
	RIG #		

Cemented with		Date	

WORKING STRING RUN IN HOLE

TBG DATA			
SIZE	No. OF JTS	TAC @	
FOOTAGE:		MUD JT. @	
S.N @			
RODS DATA			

RODS RUN IN HOLE

K.D BARS			
1"			
7/8"			
3/4"			
5/8"			
PONY RODS			
PUMP			

TANDEM ENERGY						
WORKOVER DAILY REPORT				AFE#		
COMPANY	TANDEM ENERGY			TOTAL:		
NAME OF LEASE	SOUTHERN UNION					
CONTRACTOR	TANDEM ENERGY					
DATE OF REPORT	3/25/2013			WELL:	#1	
CUMULATIVE DAYS	6			RIG #		
PREPARED BY	JOSE CERRILLO					
CASING DATA	Present Operation:	P/A				
PERFORATIONS :	1967'-2042'					
TD	2155'					
PBTD:	2148'					
TYPE	Size	Set @	Cemented with		Date	
Conductor						
Surface Casing	8 5/8" 24#	574'				
Production Casing	5 1/2" 14#	2148'				
CASING LINER						
WORKING STRING PULL OUT OF HOLE			WORKING STRING RUN IN HOLE			
TBG DATA			TBG DATA			
TYPE & SIZE	No. OF JTS		SIZE	No. OF ITS	TAC @	
		TAC @				
FOOTAGE:		MUD JT @	FOOTAGE:		MUD JT. @	
S.N @			S.N @			
RODS DATA			RODS DATA			
RODS PULLED			RODS RUN IN HOLE			
K.D BARS			K.D BARS			
1"			1"			
7/8"			7/8"			
3/4"			3/4"			
5/8"			5/8"			
PONY RODS			PONY RODS			
PUMP			PUMP			
POLISH ROD			POLISH ROD			
TOTAL:						
PUMP OUT			PUMP IN			
PACKER DATA						
Hours Spent	ACTIVITY:					
8:00 PM	ROSTABOUT TOOK BOP OFF, TOOK OFF WELL HEAD, PUT A 5 1/2" COLLAR, & 5 1/2" TO 2" SWEAGE. & 2" BALL VALVE,					
	HOOK UP CEMENT TRUCKS, TRY O CIRCULATE CEMENT TO SURFACE, PUMP TOTAL OF 100 SX CLASS C CEMENT					
	DID'T CIRCULATE WELL WENT ON VACCUM S/I					
5:30 PM						
COST:			ROUSABOUT GANG	\$650.00		
			WELL HEAD	\$ 650.00		
			CEMENT TRUCKS	\$6,960.00		
			TRANSPORT	\$2,392.00		
			BOP	\$75.00		
TOTAL:				\$10,727.00		
PREV. COST :				\$30,154.00		
CUM. COST :				\$40,881.00		

TANDEM ENERGY						
WORKOVER DAILY REPORT				AFE#		
COMPANY	TANDEM ENERGY			TOTAL:		
NAME OF LEASE	SOUTHERN UNION					
CONTRACTOR	TANDEM ENERGY					
DATE OF REPORT	3/27/2013			WELL:	#1	
CUMULATIVE DAYS	7			RIG #		
PREPARED BY	JOSE CERRILLO					
CASING DATA	Present Operation: P/A					
PERFORATIONS :	1967'-2042'					
TD	2155'					
PBTD	2148'					
TYPE	Size	Set @	Cemented with		Date	
Conductor						
Surface Casing	8 5/8" 24#	574'				
Production Casing	5 1/2" 14#	2148'				
CASING/LINER						
WORKING STRING PULL OUT OF HOLE			WORKING STRING RUN IN HOLE			
TBG DATA			TBG DATA			
TYPE & SIZE	No. OF JTS		SIZE	No. OF JTS	TAC @	
		TAC @				
FOOTAGE:		MUD JT @	FOOTAGE:		MUD JT. @	
S.N @			S.N @			
RODS DATA			RODS DATA			
RODS PULLED			RODS RUN IN HOLE			
K.D.BARS			K.D.BARS			
1"			1"			
7/8"			7/8"			
3/4"			3/4"			
5/8"			5/8"			
PONY RODS			PONY RODS			
PUMP			PUMP			
POLISH ROD			POLISH ROD			
TOTAL						
PUMP OUT			PUMP IN			
PACKER DATA						
Hours Spent	ACTIVITY:					
8:00 PM	RIH W/ 4 3/4" BIT TAGGED CEMENT @ 640' DRILL OUT TO 692' CIRCULATE HOLE CLEAN POOH W 4 JTS S/I					
5:30 PM						
COST:			RIG	\$2,000.00		
			REVERSE HAND & TOOLS	\$ 2,300.00		
			BOP	\$75.00		
TOTAL:				\$4,375.00		
PREV. COST :				\$40,881.00		
CUM. COST :				\$45,256.00		

TANDEM ENERGY						
WORKOVER DAILY REPORT				AFE#		
COMPANY	TANDEM ENERGY		TOTAL:			
NAME OF LEASE	SOUTHERN UNION					
CONTRACTOR	TANDEM ENERGY					
DATE OF REPORT	3/28/2013		WELL:		#1	
CUMULATIVE DAYS	8		RIG #			
PREPARED BY	JOSE CERRILLO					
CASING DATA	Present Operation:		P/A			
PERFORATIONS :	1967'-2042'					
TD	2155'					
PBTD:	2148'					
TYPE	Size	Set @	Cemented with		Date	
Conductor						
Surface Casing	8 5/8" 24#	574'				
Production Casing	5 1/2" 14#	2148'				
CASING LINER						
WORKING STRING PULL OUT OF HOLE			WORKING STRING RUN IN HOLE			
TBG DATA				TBG DATA		
TYPE & SIZE	No. OF JTS.		SIZE	No. OF JTS.	TAC @	
		TAC @				
FOOTAGE:		MUD JT @	FOOTAGE:		MUD JT @	
S.N @			S.N @			
RODS DATA				RODS DATA		
RODS PULLED				RODS RUN IN HOLE		
K.D BARS			K.D BARS			
1"			1"			
7/8"			7/8"			
3/4"			3/4"			
5/8"			5/8"			
PONY RODS			PONY RODS			
PUMP			PUMP			
POLISH ROD			POLISH ROD			
TOTAL:						
PUMP OUT:			PUMP IN			
PACKER DATA						
Hours Spent	ACTIVITY:					
8:00 PM	RIH W/ 4 JTS , CLEAN FROM 640' DOWN TO 845', TBG PARTED @ 665' POOH W/ TBG, LEFT 4 JTS & ID COLLAR IN HOLE					
	RIH W/ 4 1/2" OVER SHOT DID NOT WENT THROUGH BAD CSG. @ 620' FROM SURFACE POOH W/ TOOLS.					
5:30 PM						
COST:			RIG	\$2,000.00		
			BOP	\$ 75.00		
			REVERSE HAND & TOOLS	\$4,650.00		
TOTAL:				\$6,725.00		
PREV. COST :				\$45,256.00		
CUM. COST :				\$51,981.00		

TANDEM ENERGY						
WORKOVER DAILY REPORT				AFE#		
COMPANY	TANDEM ENERGY			TOTAL:		
NAME OF LEASE	SOUTHERN UNION					
CONTRACTOR	TANDEM ENERGY					
DATE OF REPORT	3/29/2013			WELL:	#1	
CUMULATIVE DAYS	9			RIG #		
PREPARED BY:	JOSE CERRILLO					
CASING DATA	Present Operation: P/A					
PERFORATIONS :	1967'-2042'					
TD:	2155'					
PBTD:	2148'					
TYPE	Size	Set @	Cemented with	Date		
Conductor						
Surface Casing	8 5/8" 24#	574'				
Production Casing	5 1/2" 14#	2148'				
CASING LINER						
WORKING STRING PULL OUT OF HOLE			WORKING STRING RUN IN HOLE			
TBG DATA				TBG DATA		
TYPE & SIZE	No. OF JTS		SIZE	No. OF JTS	TAC @	
		TAC @				
FOOTAGE:		MUD JT @	FOOTAGE:		MUD JT @	
S.N @			S.N @			
RODS DATA				RODS DATA		
RODS PULLED			RODS RUN IN HOLE			
K.D BARS			K.D BARS			
1"			1"			
7/8"			7/8"			
3/4"			3/4"			
5/8"			5/8"			
PONY RODS				PONY RODS		
PUMP				PUMP		
POLISH ROD				POLISH ROD		
TOTAL:						
PUMP OUT				PUMP IN		
PACKER DATA						
Hours Spent	ACTIVITY:					
8:00 PM	RIH W/ 2 3/8 SPEAR GRAPPLE RIH DOWN TO 660' CAN NOT LATCH ON TBG. POOH W/ TOOLS					
	RIH W/ 4 3/4" MILL TAGGED @ 633' MILLED DOWN TO 650' MILL STARTED HUNG UP ON CSG. WORKED TOOLS LOOSE					
	POOH W/ TOOLS. S/I					
5:30 PM						
COST:			RIG	\$2,000.00		
			REVERSE HAND & TOOLS	\$ 3,800.00		
TOTAL:				\$5,800.00		
PREV. COST:				\$51,981.00		
CUM. COST:				\$57,781.00		

Form 3160-5
(March 2012)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM 06814.
2. Name of Operator TANDEM ENERGY CORPORATION		6. If Indian, Allottee or Tribe Name
3a. Address 2700 POST OAK BLVD, SUITE 1000 HOUSTON, TX 77056	3b. Phone No. (include area code) 713-364-7822	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) H-30-195-30E		8. Well Name and No. SOUTHERN UNION 1
		9. API Well No. 30-015-20227
		10. Field and Pool or Exploratory Area Hackberry, YATES-7-RIVERS, No etc
		11. County or Parish, State EDDY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

- 1.) Circ hole with mud laden fluid
 - 2.) Spot cmt plug over perfs and base salt **1843' - 1723', WOC Tar**
 - 3.) Tag plug @ **4847' 1723'**
 - 4.) Perf csg 50' below top salt (830')
 - 5.) Squeeze perfs w/ 25 sx cmt
 - 6.) Tag plug @ **500' 425'**
 - 7.) Perf csg @ 60'
 - 8.) Squeeze perfs w/cmt. Attempt to circ all csg to surface
 - 9.) Install dry hole marker and clean location
 - 10.) We will need a workover pit on this location - use steel pits, haul fluids.
- Verify cmt to surf all annulus.**

RECLAMATION PROCEDURE
ATTACHEDSEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) KERRICK P. Nolen		Title Compliance
Signature <i>[Signature]</i>		Date 9/25/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by James G. Brown	Title SEAS	Date 9-29-12
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office CFO		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

AT 10/3/2012Accepted for record
MMOCD

at cut-off verify cut
for suit all annulus

OPERATOR Tandem Energy
WELL NAME Southern Union 1
API NO. 300152022.7
2310 N(S) 330 E(W) SEC 30
TWN 19S RNG 31E

HOLE SIZE 10 1/4"

CMT 200 SX TOC ?

J-55

CASING SIZE 8 5/8" 24#

ID 5.74

HOLE SIZE 8"

Perf @ 60'
SQZ to
Suit.

Perf @ 630
SQZ cut to
425' WOC
Tag

T/SALT 475
B/SALT 1793

RIHP
C/K

FORMATIONS:

Yates 1966

CMT 200 SX, TOC ?

1843 - 1723
WOC Tag

DVT

PERFORATIONS:

<u>1967</u>	-	<u>2009</u>
<u>1967</u>	-	<u>2042</u>
	-	
	-	
	-	
	-	

J-55

CASING SIZE 5 1/2" 14#

ID 2.148 PRTD 2.155

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-20227
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Tandem Energy Corporation		6. State Oil & Gas Lease No.
3. Address of Operator 2700 Post Oak Blv., Suite 1000, Houston, TX 77056		7. Lease Name or Unit Agreement Name Southern Union
4. Well Location Unit Letter H _____: 330 feet from the West line and 2310 feet from the South line Section 30 Township 19S Range 30E NMPM Eddy County		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3451' DF		9. OGRID Number
		10. Pool name or Wildcat Hackberry, Yates-7-Rivera, North

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

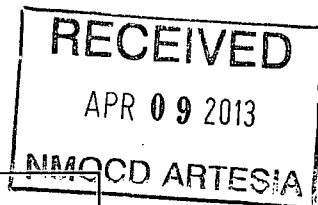
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. Pump 100 sacks of Class C Cement. If well goes on vacuum, pump another 110 sacks of cement. Shut well in overnight.
2. See if top of cement can be tagged in 5 1/2" casing. If top of cement is tagged then continue with procedure. If not, then squeeze another 50 sacks of cement. 260 sacks should fill the volume of the casing from 2148' to 630' as long as the formation did not take a lot cement on vacuum.
3. Perforate casing approximately 610'. Pump fresh water and attempt to circulate to surface. If it circulates to surface, then pump 120 sacks of cement and circulate cement to surface. Shut in overnight.
4. Tag top of cement. Note depth of top of cement.
5. Set cement plug from 630' to 425' in 5 1/2" casing. Shut in overnight. Tag top of cement the next day and note depth.
6. Set surface plug from 60' to surface.
7. Install dry hole marker and clean location.
8. Tandem will need a workover pit on this location. (Closed loop) C-144

Please see attached documentation.

Spud Date: 4/9/2013

Rig Release Date: 4/12/2013



I hereby certify that the information above is true and complete to the best of my knowledge and belief. Approval Granted providing work is complete by July 15-2013

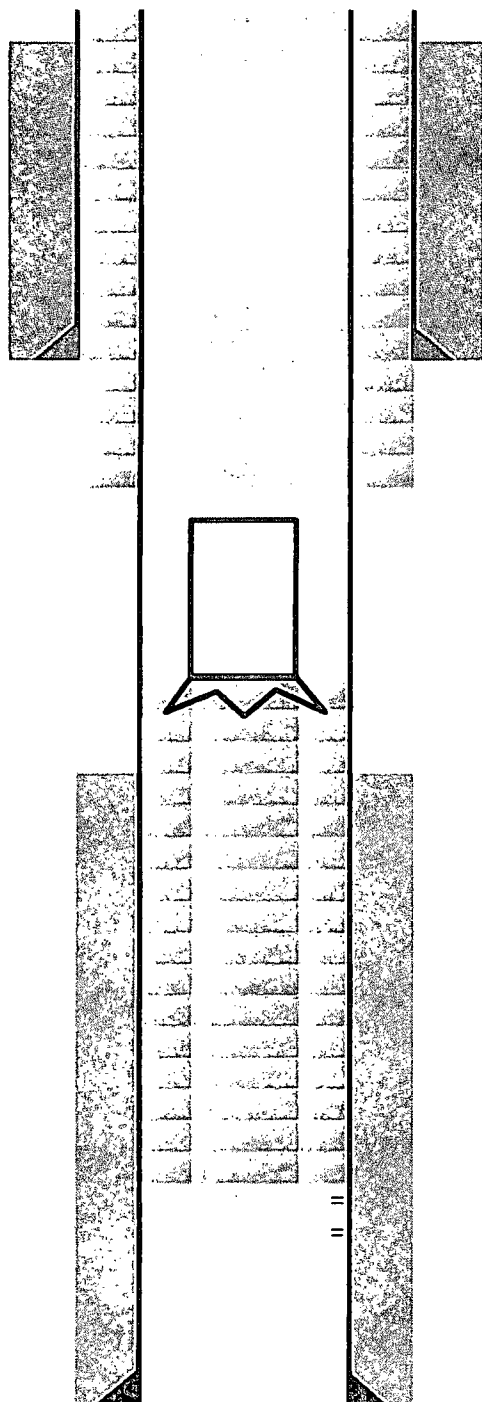
SIGNATURE Rusty Arnold TITLE Production Engineer DATE 4/5/2013

Type or print name Rusty Arnold E-mail address: rarnold@platenergy.com PHONE: 713-987-7316

For State Use Only

APPROVED BY: R. R. Dade TITLE Dist. H. Supervisor DATE 4/11/13
Conditions of Approval (if any):

Tandem Energy Corporation
SOUTHERN UNION 001
HACKBERRY



LEGALS

API: 300152022700
 Lease: SOUTHERN UNION
 Location: 330' FWL & 2310 FSL
 Survey: SEC 30 - 19S - 31E
 Field: HACKBERRY
 County: EDDY CO., NEW MEXICO
 Elevation: 3451' DF
 Completed: 7-1-1969

TOC 8 5/8" SURF CALC
 Surface Casing: 8 5/8" 24# @ 574' w/ 200sx 10" hole

Plug 60'- surf
 630'-425'
 Perf @ 630' Cement to surface

Top Tool: 665'
 Tbg 125'

DC 32'
 Bit 2'
 Bottom Tool: 824'
 260sx bottom fish to top perf

TOC 5 1/2" 953' CALC

Perfed Interval: 1967-2009'
 1967-2042'

PBTD: 2148'
 Production Casing: 5 1/2" 14# @ 2148' w/ 200sx 8" hole
 TD: 2155'